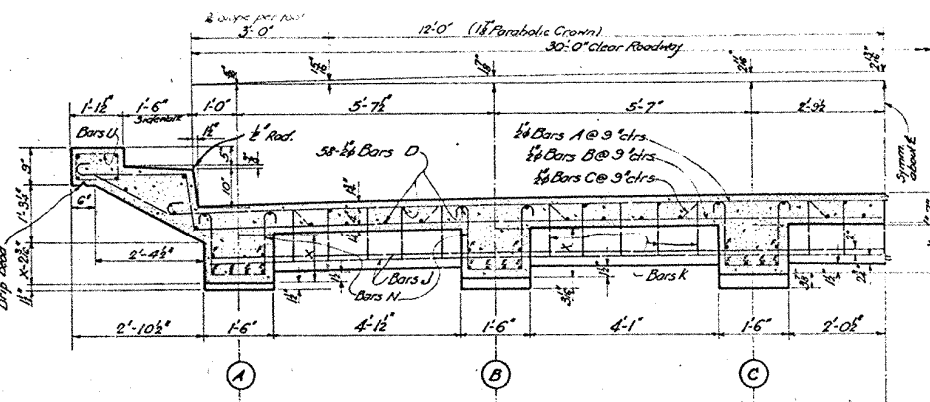
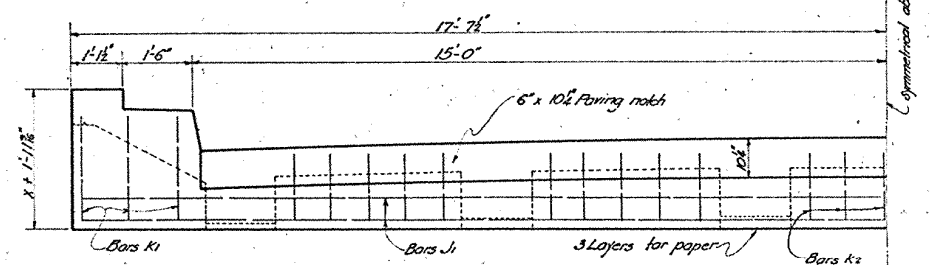
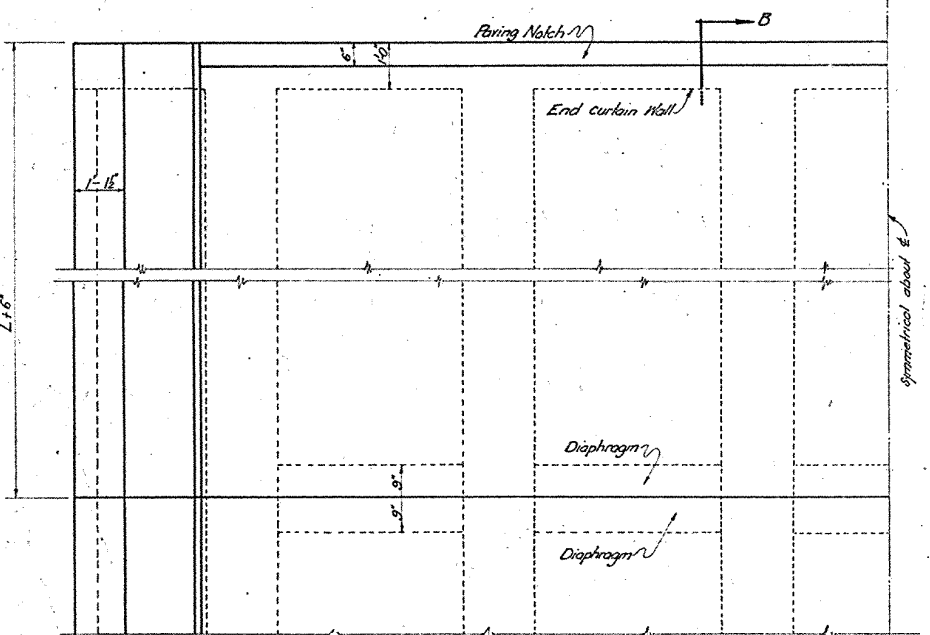




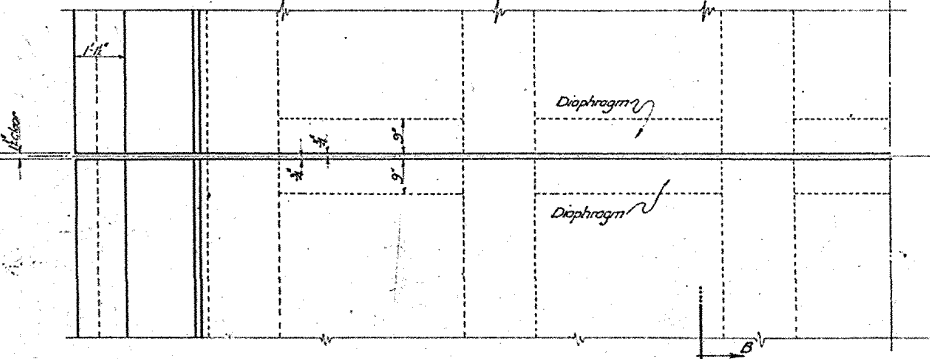
HALF SECTION A-A



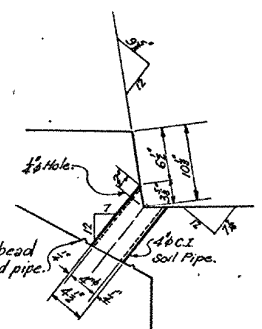
HALF END VIEW END SPAN



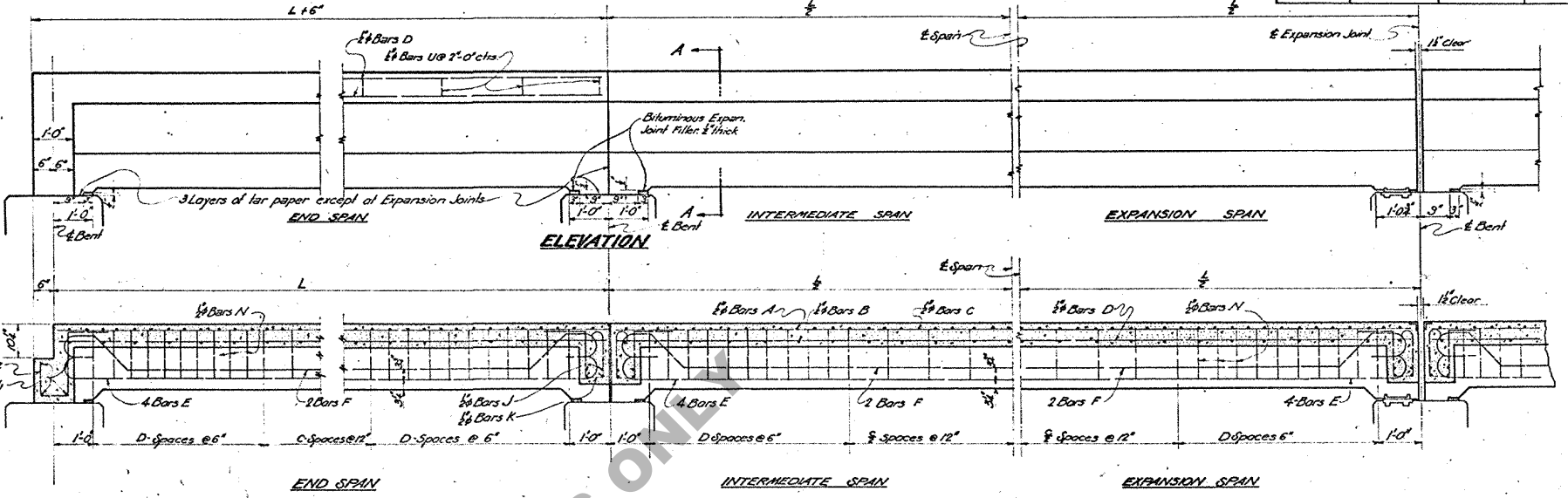
PART PLAN END SPAN



PART PLAN AT EXPANSION JOINT

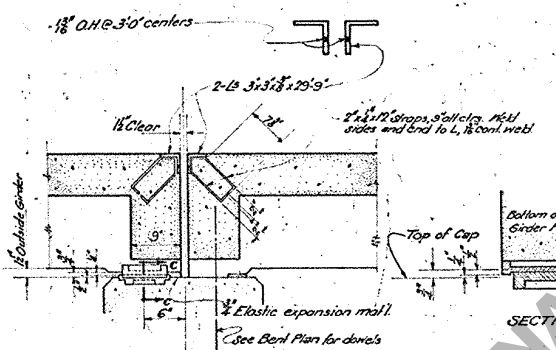


CAST IRON DRAIN
Required on each side of Roadway in each span. None required in End span over unprotected Slopes.

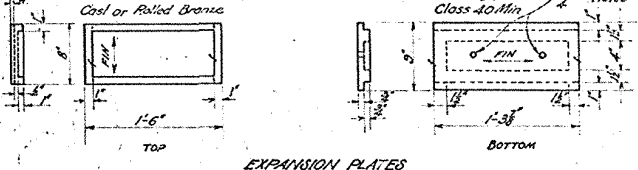


SECTION B-B

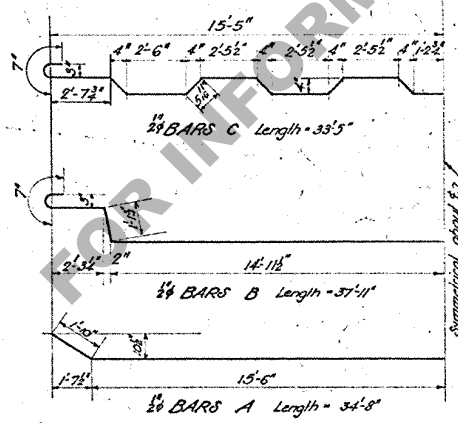
BAR	OVERLAP	20' SPAN	22' SPAN	24' SPAN	26' SPAN
E	c	18'-10"	20'-10"	22'-10"	24'-10"
a	0'-8"	0'-7"	0'-6"	0'-6"	
b	0'-8"	0'-10"	0'-11"	1'-0"	
F	c	16'-0"	17'-10"	19'-10"	21'-8"
d	1'-1"	1'-2"	1'-4"	1'-5"	
e	18'-10"	20'-10"	22'-10"	24'-10"	



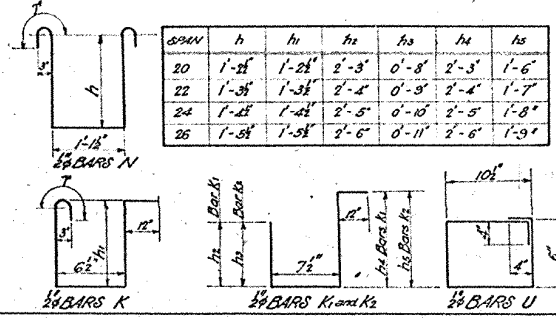
PART SECTION AT EXPANSION JOINT
MAX SPACING OF EXPANSION JOINTS, 75 FT.



EXPANSION PLATES



SPAN	h	h ₁	h ₂	h ₃	h ₄	h ₅
20	1'-1"	1'-2"	2'-3"	0'-8"	2'-3"	1'-6"
22	1'-3"	1'-3"	2'-4"	0'-9"	2'-4"	1'-7"
24	1'-4"	1'-4"	2'-5"	0'-10"	2'-5"	1'-8"
26	1'-5"	1'-5"	2'-6"	0'-11"	2'-6"	1'-9"



GENERAL NOTES:
Construction Specs. Latest Approved La. Hwy. Dept. Std. Specs.
Design Specifications, AASHTO, 1944.
Live Load: H-20 S16.
Dead Load: Calculated weight of concrete plus 15% for future wearing surface.
All concrete to be Class 4.
Dimensions to Reinforcing steel are to bar centers.
Exposed corners to have a 3" chamfer unless otherwise noted.

BAR	LOCATION	20 FT. SPAN			22 FT. SPAN			24 FT. SPAN			26 FT. SPAN		
		NO. BARS	UNIT LENGTH	TOTAL LENGTH	NO. BARS	UNIT LENGTH	TOTAL LENGTH	NO. BARS	UNIT LENGTH	TOTAL LENGTH	NO. BARS	UNIT LENGTH	TOTAL LENGTH
A	Top	27	34'-8"	936'-0"	29	34'-8"	1005'-4"	32	34'-8"	1109'-2"	35	34'-8"	1213'-2"
B	Bottom	27	37'-11"	1023'-9"	29	37'-11"	1099'-7"	32	37'-11"	1213'-4"	35	37'-11"	1327'-1"
C	Bottom	26	33'-5"	868'-10"	29	33'-5"	969'-1"	32	33'-5"	1069'-4"	34	33'-5"	1136'-2"
D	Longitudinal	58	19'-8"	1140'-8"	58	21'-8"	1256'-8"	58	23'-8"	1372'-8"	58	25'-8"	1488'-8"
N	Diaphragm	174	4'-8"	819'-5"	192	4'-10"	936'-0"	204	5'-0"	1028'-6"	222	5'-2"	1156'-5"
J	Diaphragm	48	29'-3"	1406'-0"	52	29'-3"	1524'-0"	56	29'-3"	1642'-0"	60	29'-3"	1760'-0"
J1	End Span	4	34'-11"	139'-8"	4	34'-11"	139'-8"	4	34'-11"	139'-8"	4	34'-11"	139'-8"
K	Diaphragm	35	4'-5"	157'-5"	38	4'-7"	174'-2"	41	4'-9"	191'-9"	44	4'-11"	212'-4"
U	Curb	40	3'-5"	136'-0"	42	3'-5"	147'-0"	44	3'-5"	154'-0"	46	3'-5"	161'-0"
K1	End Span	6	6'-1"	36'-6"	6	6'-3"	37'-9"	6	6'-5"	39'-0"	6	6'-7"	40'-2"
K2	End Span	25	3'-9"	84'-9"	25	3'-11"	92'-11"	25	4'-1"	100'-0"	25	4'-3"	107'-3"
TOTAL INTER. SPAN		538	4'-0"	2155'-0"	583	4'-0"	2372'-0"	628	4'-0"	2592'-0"	673	4'-0"	2811'-0"
TOTAL END SPAN		5413	3'-0"	16239'-0"	5918	3'-0"	17754'-0"	6423	3'-0"	19269'-0"	6928	3'-0"	20784'-0"
E	Bars A & C	24	11'-5"	276'-0"	24	11'-5"	276'-0"	24	11'-5"	276'-0"	24	11'-5"	276'-0"
F	Bars A & C	12	22'-2"	266'-0"	12	22'-2"	266'-0"	12	22'-2"	266'-0"	12	22'-2"	266'-0"
TOTAL INTER. OR END SPAN		18	4'-0"	72'-0"	18	4'-0"	72'-0"	18	4'-0"	72'-0"	18	4'-0"	72'-0"

SPAN "L" IN FEET	X	SPACING SPACING		CONCRETE - cu. yds.		REIN. STEEL - Pounds		STEEL
		C	D	END SPAN	INTER. SPAN	END SPAN	INTER. SPAN	PERCENT
20	1'-1"	8	10	26.38	25.36	6972	6350	10.15 %
22	1'-2"	9	11	29.54	28.47	7933	7903	10.15 %
24	1'-3"	11	11	32.82	31.70	8954	8923	10.15 %
26	1'-4"	12	12	36.24	35.03	10046	10014	10.15 %

STANDARD PLAN
R.C. DECK GIRDER SPANS H20-S16 LOADINGS
30'-0" CLEAR ROADWAY-16' SIDEWALKS
20'-0" TO 26'-0" SPANS
TO BE USED WITH STD. PLAN C-5-17-20

DATED November, 1944

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED: J. B. BROWN
CHECKED: H. W. HUGHES
IN CHARGE OF: J. B. BROWN

TRACED: J. B. BROWN
CHECKED: H. W. HUGHES
IN CHARGE OF: J. B. BROWN

(Ord. C-6-80)